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(54) **Vacuum cleaner**

(57) A vacuum cleaner comprises a detachable separation unit having first and second devices 13,26 for separating dirt and dust from an airflow through the cleaner. The dirt and dust separated by the devices 13 is deposited in a first collection region disposed at the bottom of a cyclone chamber 14. The dirt and dust separated by the second device 26 is collected in a second collection region 30 which is normally closed by a valve 35 to prevent air from leaving the cyclone chamber 14. An actuator 34 is provided for automatically opening the valve 35 to release the collected dirt and dust in the second collection region 30 when the unit is detached from the body of the cleaner, so that it can fall from the unit along with dirt and dust from the first region when a flap 17 at the bottom of the chamber 14 is opened.

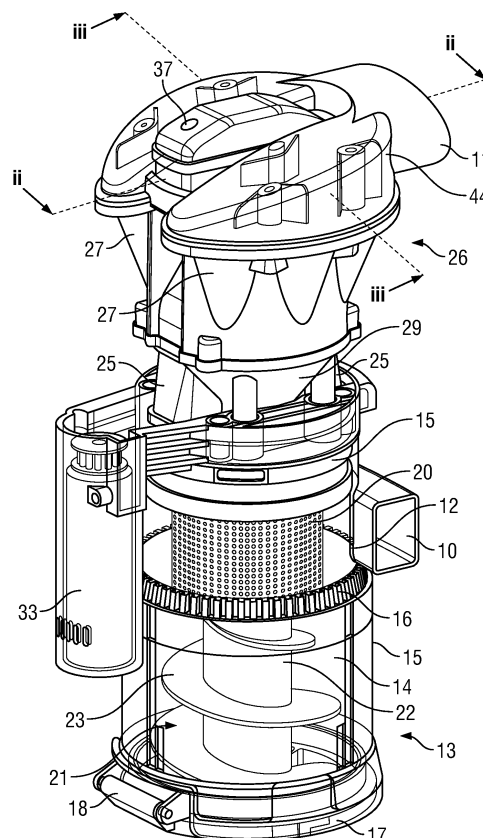


FIG. 1



EUROPEAN SEARCH REPORT

Application Number
EP 14 15 5825

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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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A	* page 10, line 20 - page 12, line 26; claims; figures *	9	
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	* paragraphs [0031] - [0043]; claims; figures *		
			TECHNICAL FIELDS SEARCHED (IPC)
			A47L B04C
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 22 February 2018	Examiner Lopez Vega, Javier
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	

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EPO FORM 1503 03.82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 14 15 5825

5 This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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22-02-2018

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